

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-9 canceled.

Claim 10 (currently amended): Lock pin with push-button-operated axial locking, comprising ~~(a)~~ a tubular body having radially outwards directed recesses; ~~(b)~~ an actuating plunger in said tubular body and axially displaceable under spring loading, ~~(c)~~; locking elements pointing in opposite directions which are mounted in said radially outwards directed recesses in the body and which are moved by pressure of said plunger; and ~~(d)~~ wherein the locking elements form a virtual, freely guided pivoting axis axle/shaft in a connection zone.

Claim 11 (previously presented): Lock pin according to Claim 10, wherein the locking elements are rigid, inflexible bodies.

Claim 12 (currently amended): Lock pin according to Claim 10, wherein the pivoting axis axle/shaft is freely guided between the locking elements and comprises a bearing

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shell positioned between the locking elements, into which the plunger engages.

Claim 13 (withdrawn): Lock pin according to Claim 10, wherein the freely guided pivoting axis is positioned between the locking elements and is a bearing plunger displaceably guided under spring loading, in which the two locking elements pivotably engage, each by a guide web.

Claim 14 (withdrawn): Lock pin according to Claim 13, wherein the locking element consists of a block-shaped or rectangular body on the underside of which the guide web, substantially in the shape of a quadrant, is formed which engages pivotably in guide slot in the bearing plunger.

Claim 15 (withdrawn): Lock pin according to Claim 13, wherein the bearing plunger has an axial longitudinal guide in the lock pin.

Claim 16 (withdrawn): Lock pin according to Claim 10, wherein the bearing-axes of the locking elements are formed by substantially round pins formed on the inwards-facing ends of the locking elements and pivotably engaging in recesses in the bearing plunger displaceable under spring loading.

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Claim 17 (withdrawn): Lock pin according to Claim 10, wherein the bearing-axles of the locking elements are formed by substantially round pins positioned parallel and spaced apart on the forward, free end of the plunger and engaging pivotably in slots in the end faces of the locking elements.

Claim 18 (withdrawn): Lock pin according to Claim 17, wherein the plunger has on its forward, free end two parallel fork-extensions circumscribing a recess in which two bearing-axles of the locking elements are pivotably held and wherein the fork-extensions engage seats in the bearing plunger guided under spring loading, and are thereby guided.

Claim 19 (new): Lock pin with push-button-operated axial locking, comprising a tubular body having radially outwards directed recesses; an actuating plunger in said tubular body and axially displaceable under spring loading; locking elements pointing in opposite directions which are mounted in said radially outwards directed recesses in the body and which are moved by pressure of said plunger; and wherein the locking elements are not connected to each other by an axle/shaft, and are pinless rotatable by the actuating plunger around a virtual, freely guided pivoting axle/shaft formed in a connection zone of the locking elements.

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elements.

Claim 20 (new): Lock pin according to Claim 19,
wherein the locking elements are rigid, inflexible bodies.

Claim 21 (new): Lock pin according to Claim 19,
wherein the pivoting axle/shaft is freely guided between the
locking elements and comprises a bearing shell positioned
between the locking elements, into which the plunger engages.